MLTI JSS Recommended Settings

Updated Thursday, September 1, 2016

Requirements:

Software:
MLTI cloud-hosted JAMF Software Server (JSS)

Settings -> Network Organization -> Departments

Create a department called 'Non-MLTI' into which non-MLTI devices managed by your JSS will be placed.

Non-MLTI devices do not qualify for license for MLTI provided applications (e.g. Pages, Numbers, Keynote, iMovie, GarageBand, FileMaker Pro). The 'Non-MLTI' department can be used to exclude from scope those devices which should not receive applications for which no license is available.

Settings -> Computer Management -> Management Framework
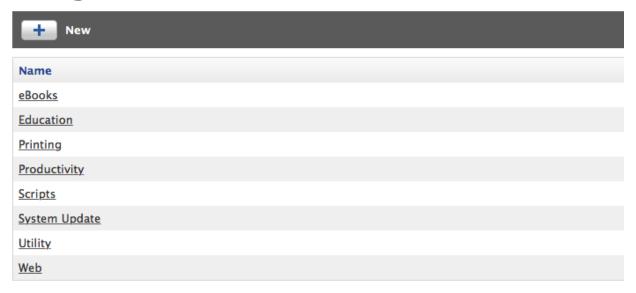
Set the Check-in Frequency to 60 minutes.

Settings -> Global Management -> Categories

Categories can be used to group similar items in Self Service, and in the JSS. Some example categories are listed below:

Categories

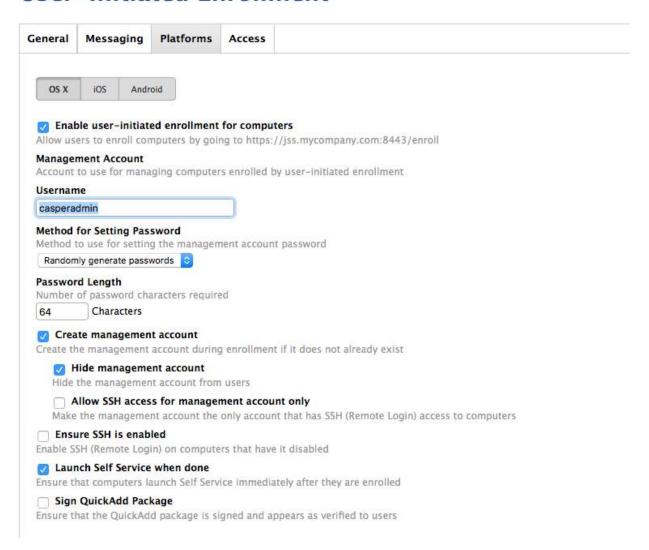| + New |
|---|
| **Name** |
| eBooks |
| Education |
| Printing |
| Productivity |
| Scripts |
| System Update |
| Utility |
| Web |

Settings -> Global Management -> User-Initiated Enrollment

User-Initiated Enrollment must be configured to create the JSS management account. This account is used by the JAMF Management System to complete management tasks on managed macOS computers. This account is not intended for use by IT staff.

The Management Account should be a user that is not already on the system, and should be identifiable as the JAMF management account (e.g. 'casperadmin' or 'jssadmin').

User-Initiated Enrollment

General	Messaging	Platforms	Access

OS X   iOS   Android

☑ **Enable user-initiated enrollment for computers**
Allow users to enroll computers by going to https://jss.mycompany.com:8443/enroll

Management Account
Account to use for managing computers enrolled by user-initiated enrollment

Username
`casperadmin`

Method for Setting Password
Method to use for setting the management account password
Randomly generate passwords ⌄

Password Length
Number of password characters required
64   Characters

☑ **Create management account**
Create the management account during enrollment if it does not already exist

   ☑ **Hide management account**
   Hide the management account from users

   ☐ **Allow SSH access for management account only**
   Make the management account the only account that has SSH (Remote Login) access to computers

☐ **Ensure SSH is enabled**
Enable SSH (Remote Login) on computers that have it disabled

☑ **Launch Self Service when done**
Ensure that computers launch Self Service immediately after they are enrolled

☐ **Sign QuickAdd Package**
Ensure that the QuickAdd package is signed and appears as verified to users

Be sure that the management account is created, and hidden, and set the password to a randomly generated value. This is the most secure. Only the JSS needs to know what this password is for each device.
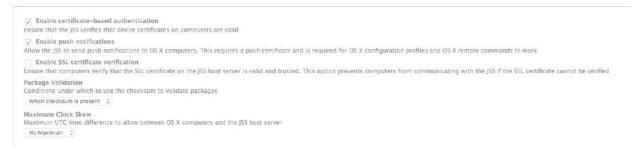
Launching Self Service when done is a good visual indicator that the enrollment process has completed.

Settings -> Computer Management

Security:

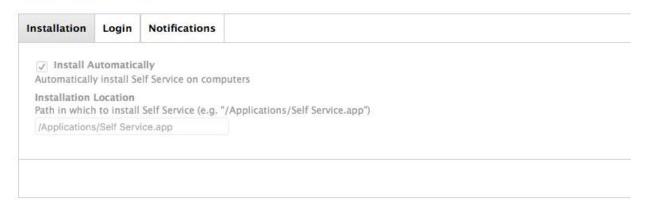Be sure 'Enable push notifications' is enabled.

Self Service:

Self Service Mobile App:

For Schools with MLTI or non-MLTI iPad, deploy the Self Service Mobile app using device-based Managed Distribution*. This will avoid the need for user's to log into the App Store and purchase the free Self Service Mobile app. Self Service Mobile will be automatically installed on managed, Supervised devices.

Settings -> Global Management

Ensure that at least one VPP account has sufficient licenses available for all deployed iOS devices (MLTI and non-MLTI). If necessary, additional licenses can be obtained from the VPP store.

Mobile Devices -> Mobile Device Apps

Follow the steps from Manually Deploying Self Service Mobile for iOS article at JAMF Nation.

Additionally, after step 16, check the 'Assign VPP Content' checkbox under the VPP tab.

✓ Assign VPP Content
Assign VPP content to mobile devices with iOS 9 or later

The additional step to 'Assign VPP content' will ensure that Self Service Mobile will install using the license acquired through VPP rather than prompting the user to sign into the App Store.
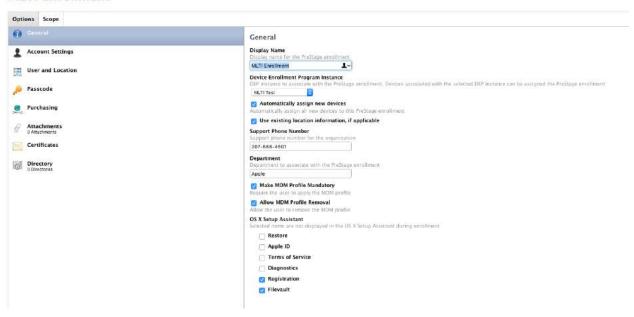
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* Managed Distribution licenses for Self Service Mobile must be purchased from the 'Content' section of Apple School Manager.
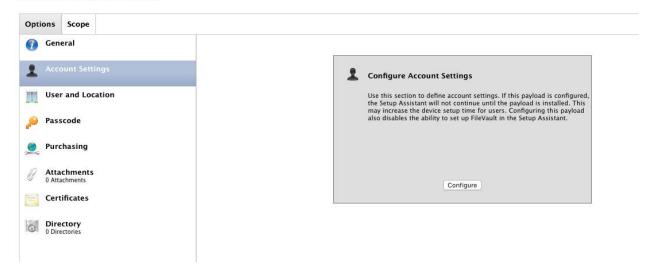
Computers -> PreStage Enrollment

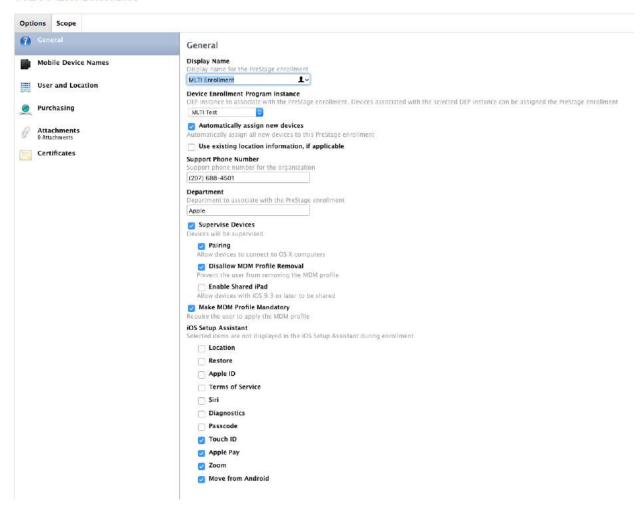Configure the PreStage enrollment for MLTI macOS devices as shown:

Options in Account Settings may be configured, but please be sure to verify that results match your expectations.

It should be noted that options configured here will NOT be reflected in devices that are enrolled via means other than the PreStage enrollment (e.g. QuickAdd.pkg), so it may be advisable to configure these options later via policy.

Mobile Devices -> PreStage Enrollment

Configure the PreStage enrollment for MLTI iOS devices as shown:

For non-MLTI Computers and Mobile Devices, please configure the PreStage enrollment to set the Department to 'Non-MLTI' (see Departments above).

Note: For Computer and Mobile Device PreStage Enrollment:

It is recommended that a second MDM server record be created in Apple School Manager for non-MLTI devices.   Associate this server record with a second Device Enrollment Program Instance in the JSS.   Computer and Mobile Device PreStage Enrollments for non-MLTI devices should be associated with this secondary instance.   MLTI and non-MLTI serial numbers can be associated to the appropriate MDM server record directly from within Apple School Manager.

Additionally, please be sure to set the Department in 'User and Location' to 'Non-MLTI' for all Computer and Mobile Device PreStage enrollments scoped to non-MLTI devices.

Computers -> Mac App Store Apps

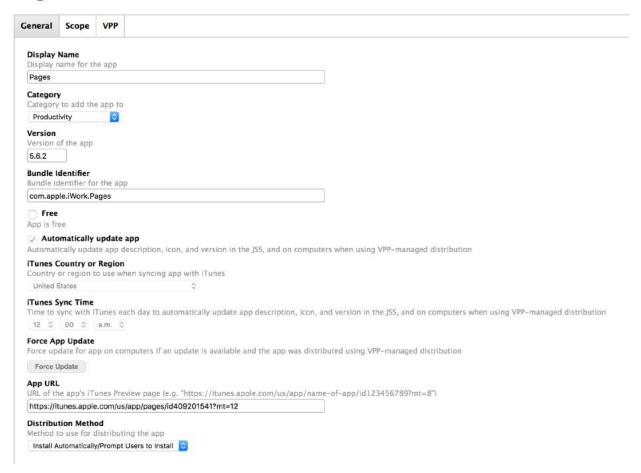Configure MLTI provided apps to automatically install on MLTI devices.

General:

Set appropriate Category.

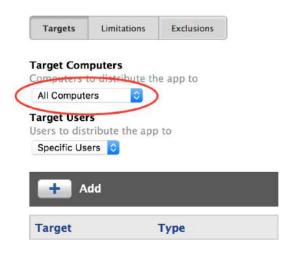Set 'Automatically update app' (avoid setting many apps to update at the same time)

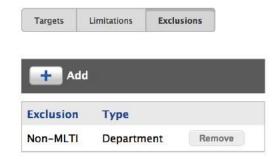Set 'Distribution Method' to 'Install Automatically/Prompt Users to Install'

Scope:

Set 'Targets' to 'All Computers'

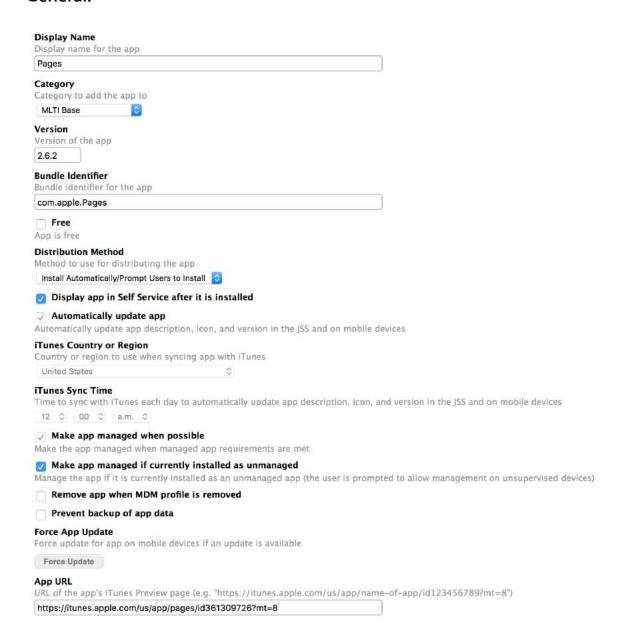Set 'Exclusions' to the 'Non-MLTI' Department (see *Departments* above)

VPP:

Check 'Assign VPP Content'
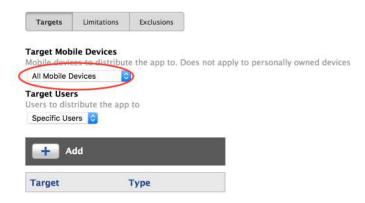
Mobile Devices -> Mobile Device Apps

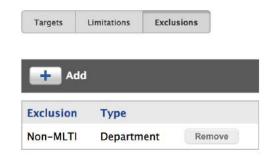Configure MLTI provided apps to automatically install on MLTI devices.

General:

Display Name
Display name for the app

Pages

Category
Category to add the app to

MLTI Base

Version
Version of the app

2.6.2

Bundle Identifier
Bundle identifier for the app

com.apple.Pages

☐ **Free**
App is free

Distribution Method
Method to use for distributing the app

Install Automatically/Prompt Users to Install

☑ **Display app in Self Service after it is installed**

☑ **Automatically update app**
Automatically update app description, icon, and version in the JSS and on mobile devices

iTunes Country or Region
Country or region to use when syncing app with iTunes

United States

iTunes Sync Time
Time to sync with iTunes each day to automatically update app description, icon, and version in the JSS and on mobile devices

12   00   a.m.

☑ **Make app managed when possible**
Make the app managed when managed app requirements are met

☑ **Make app managed if currently installed as unmanaged**
Manage the app if it is currently installed as an unmanaged app (the user is prompted to allow management on unsupervised devices)

☐ **Remove app when MDM profile is removed**

☐ **Prevent backup of app data**

Force App Update
Force update for app on mobile devices if an update is available

Force Update

App URL
URL of the app's iTunes Preview page (e.g. "https://itunes.apple.com/us/app/name-of-app/id123456789?mt=8")

https://itunes.apple.com/us/app/pages/id361309726?mt=8

Scope:

Set 'Targets' to 'All Mobile Devices'

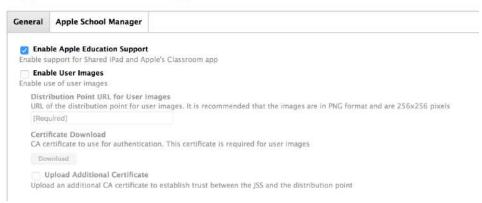Set 'Exclusions' to the 'Non-MLTI' Department (see *Departments* above)
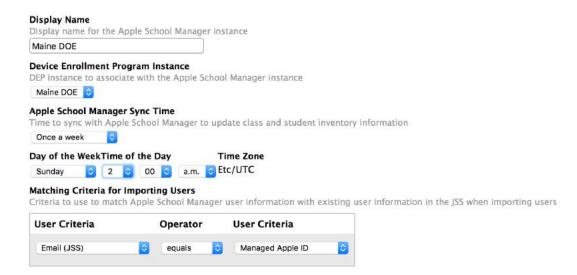

VPP:

Check 'Assign VPP Content'

Settings -> Mobile Device Management -> Apple Education Support

To enable support for Classroom app, check the 'Enable Apple Education Support' checkbox.

To enable sync of user and class data from Apple School Manager, add your Apple School Manager instance under the 'Apple School Manager' tab and select a time and frequency for the JSS to pull data from Apple School Manager.

For more information, please see the Integrate with Apple School Manager section of the *Integrating with Apple School Manager to Support Apple's Education Features Using the Casper Suite* guide.